ENGLISH

LG

MODEL : PC12

For service/
support Call:
Toll Free Number
1-800-243-0000
http://us.lgservice.com

Made for
iPod

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HD Radio®

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MEDIA HOST

Safety Precaution

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK) NO USER-SERVICEABLE PARTS INSIDE REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

This lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.
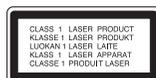
WARNING: TO PREVENT FIRE OR ELECTRIC SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

WARNING: Do not install this equipment in a confined space such as a book case or similar unit.

CAUTION: Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.

Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating.

The openings should never be blocked by placing the product on a bed, sofa, rug or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instruction have been adhered to.

```
CLASS 1 LASER PRODUCT
KLASSE 1 LASER PRODUKT
LUOKAN 1 LASER LAITE
KLASS 1 LASER APPARAT
CLASSE 1 PRODUIT LASER
```

CAUTION:

This product employs a Laser System.

To ensure proper use of this product, please read this owner's manual carefully and retain it for future reference. Should the unit require maintenance, contact an authorized service center.

Use of controls, adjustments or the performance of procedures other than those specified herein may result in hazardous radiation exposure.

To prevent direct exposure to laser beam, do not try to open the enclosure. Visible laser radiation when open. DO NOT STARE INTO BEAM.

NOTE TO CABLE/TV INSTALLER: This reminder is provided to call the cable TV system installer's attention to Article 820-40 of the National Electric Code (U.S.A.). The code provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of the cable entry as practical.

CAUTION: The apparatus should not be exposed to water (dripping or splashing) and no objects filled with liquids, such as vases, should be placed on the apparatus.

CAUTION concerning the Power Cord
Most appliances should be placed on a dedicated circuit;
That is, a single outlet circuit which powers only that appliance and has no additional outlets or branch circuits. Check the specification page of this owner's manual to be certain.
Do not overload wall outlets. Overloaded wall outlets, loose or damaged wall outlets, extension cords, frayed power cords, or damaged or cracked wire insulation are dangerous. Any of these conditions could result in electric shock or fire. Periodically examine the cord of your appliance, and if its appearance indicates damage or deterioration, unplug it, discontinue use of the appliance, and have the cord replaced with an exact replacement part by an authorized servicer.
Protect the power cord from physical or mechanical abuse, such as being twisted, kinked, pinched, closed in a door, or walked upon. Pay particular attention to plugs, wall outlets, and the point where the cord exits the appliance.
To disconnect power from the unit, unplug the unit from the outlet. When installing the product, ensure that the plug is easily accessible.

FCC WARNING: This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

REGULATORY INFORMATION: FCC Part 15

This epuipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the product is operated in a residential installation.
This product generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this product does cause harmful interference to radio or television reception, which can be determined by turning the product off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
• Reorient or relocate the receiving antenna.
• Increase the separation between the product and receiver.
• Connect the product into an outlet on a circuit different from that to which the receiver is connected.
• Consult the dealer or an experienced radio/TV technician for help.

FCC COMPLIANCE: The responsible party for this product's compliance is:
Marketed and Distributed by LG Electronics U.S.A., Inc.,
1000 Sylvan Avenue, Englewood Cliffs, NJ.
Phone: 1-201-816-2000.

IMPORTANT SAFETY INSTRUCTIONS

CAUTION: PLEASE READ AND OBSERVE ALL WARNINGS AND INSTRUCTIONS IN THIS OWNER'S MANUAL. AND THOSE MARKED ON THE PRODUCT. RETAIN THIS MANUAL FOR FUTURE REFERENCE.

This product has been designed and manufactured to assure personal safety. Improper use can result in electric shock or fire hazard. The safeguards incorporated in this product will protect you if you observe the following procedures for installation, use, and servicing.
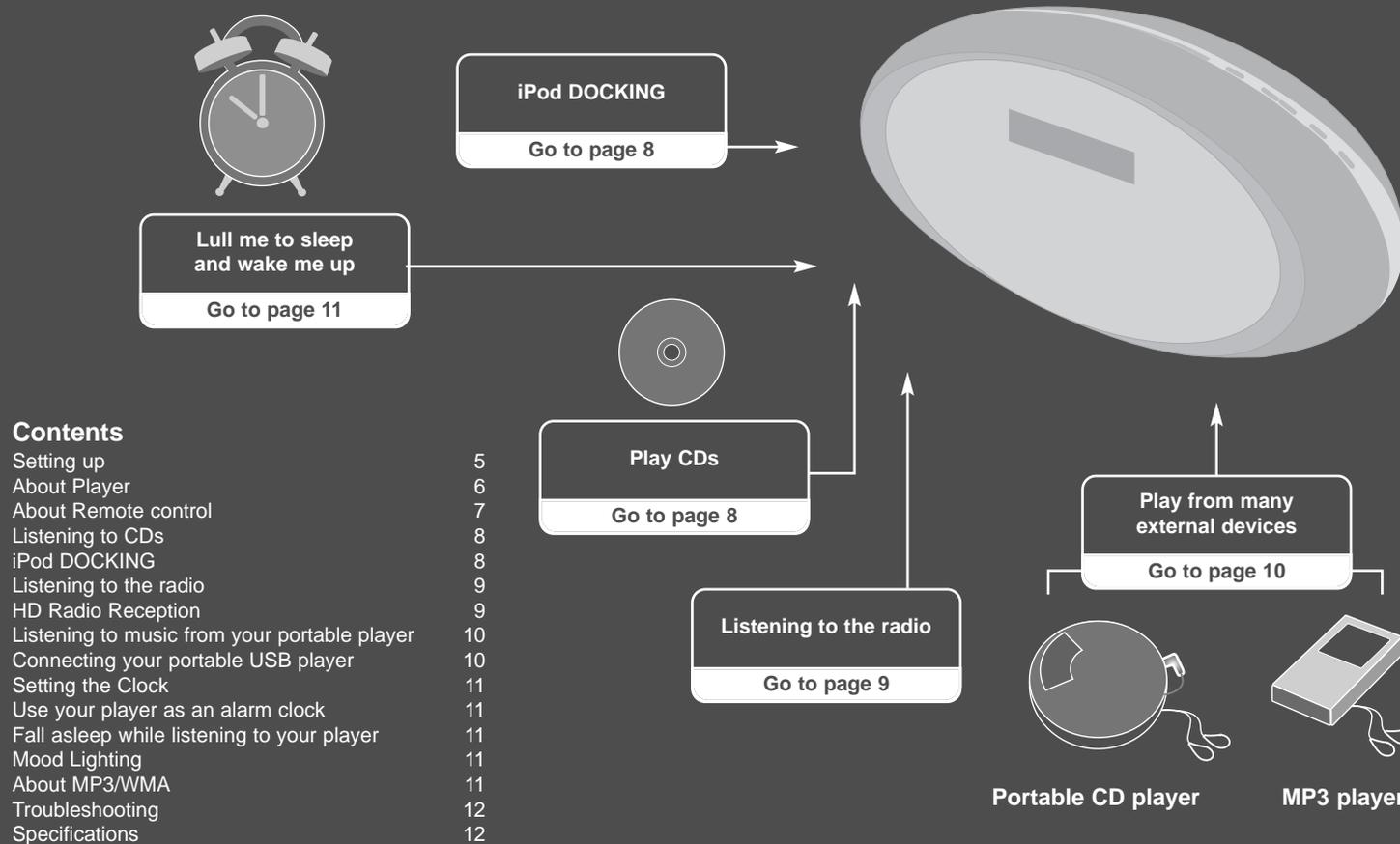
This product does not contain any parts that can be repaired by the user.

DO NOT REMOVE THE CABINET COVER, OR YOU MAY BE EXPOSED TO DANGEROUS VOLTAGE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL ONLY.

1. **Read these instructions. -** All these safety and operating instructions should be read before the product is operated.
2. **Keep these instructions. -** The safety, operating and use instructions should be retained for future reference.
3. **Heed all warnings. -** All warnings on the product and in the operating instructions should be adhered to.
4. **Follow all instructions. -** All operating and use instructions should be followed.
5. **Do not use this apparatus near water. -** For example: near a bath tub, wash bowl, kitchen sink, laundry tub, in a wet basement; or near a swimming pool; and other areas located near water.
6. **Clean only with dry cloth. -** Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners.
7. **Do not block any ventilation openings. Install in accordance with the manufacturer's instructions. -** Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from over-heating. The openings should never be blocked by placing the product on a bed, sofa, rug or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.
8. **Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.**
9. **Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.**

10. **Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.**
11. **Only use attachments/accessories specified by the manufacturer.**
12. **Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.**

13. **Unplug this apparatus during lightning storms or when unused for long periods of time.**
14. **Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.**

There is so much your Hi-Fi system can do

iPod DOCKING

Go to page 8

**Lull me to sleep
and wake me up**

Go to page 11

Play CDs

Go to page 8

**Play from many
external devices**

Go to page 10

Listening to the radio

Go to page 9

Portable CD player   **MP3 player**
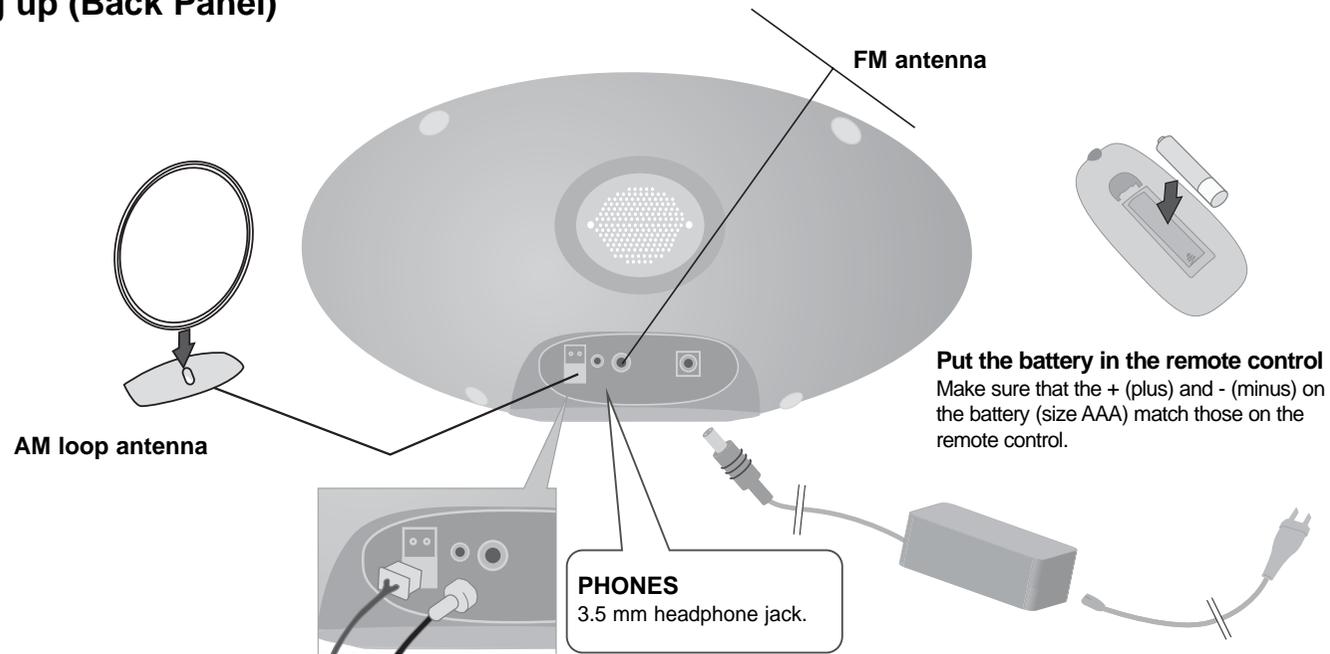
Contents

Before connecting, operating or adjusting this product, please read this instruction booklet carefully and completely.

Setting up (Back Panel)

FM antenna

AM loop antenna

PHONES
3.5 mm headphone jack.

Put the battery in the remote control
Make sure that the + (plus) and - (minus) on the battery (size AAA) match those on the remote control.

1 **Fit the AM loop antenna to its stand**

Connect the AM loop antenna to the player.
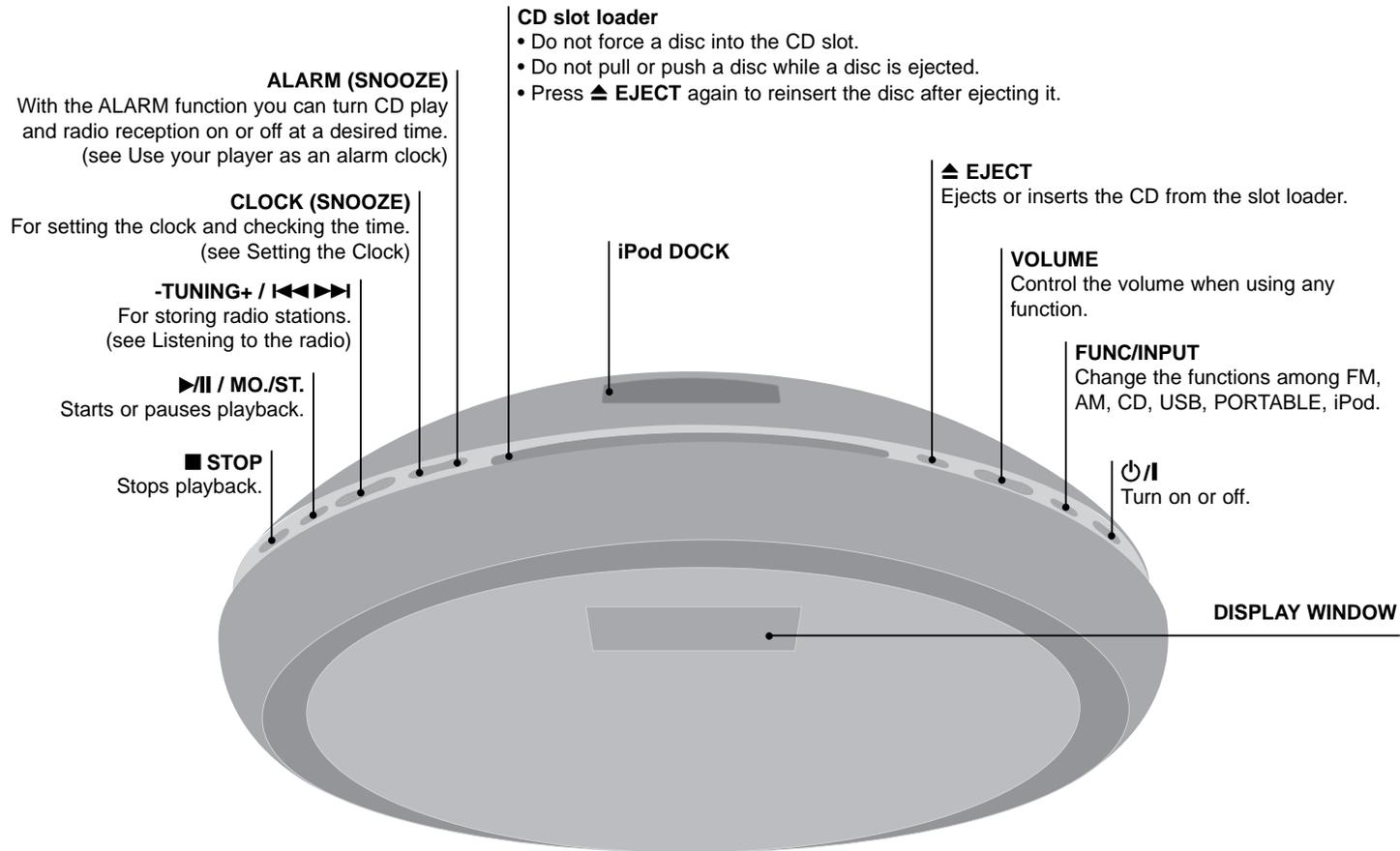
2 **Connect the FM antenna**

The reception will be enhanced when the two loose ends of the antenna are stretched as horizontally as possible.

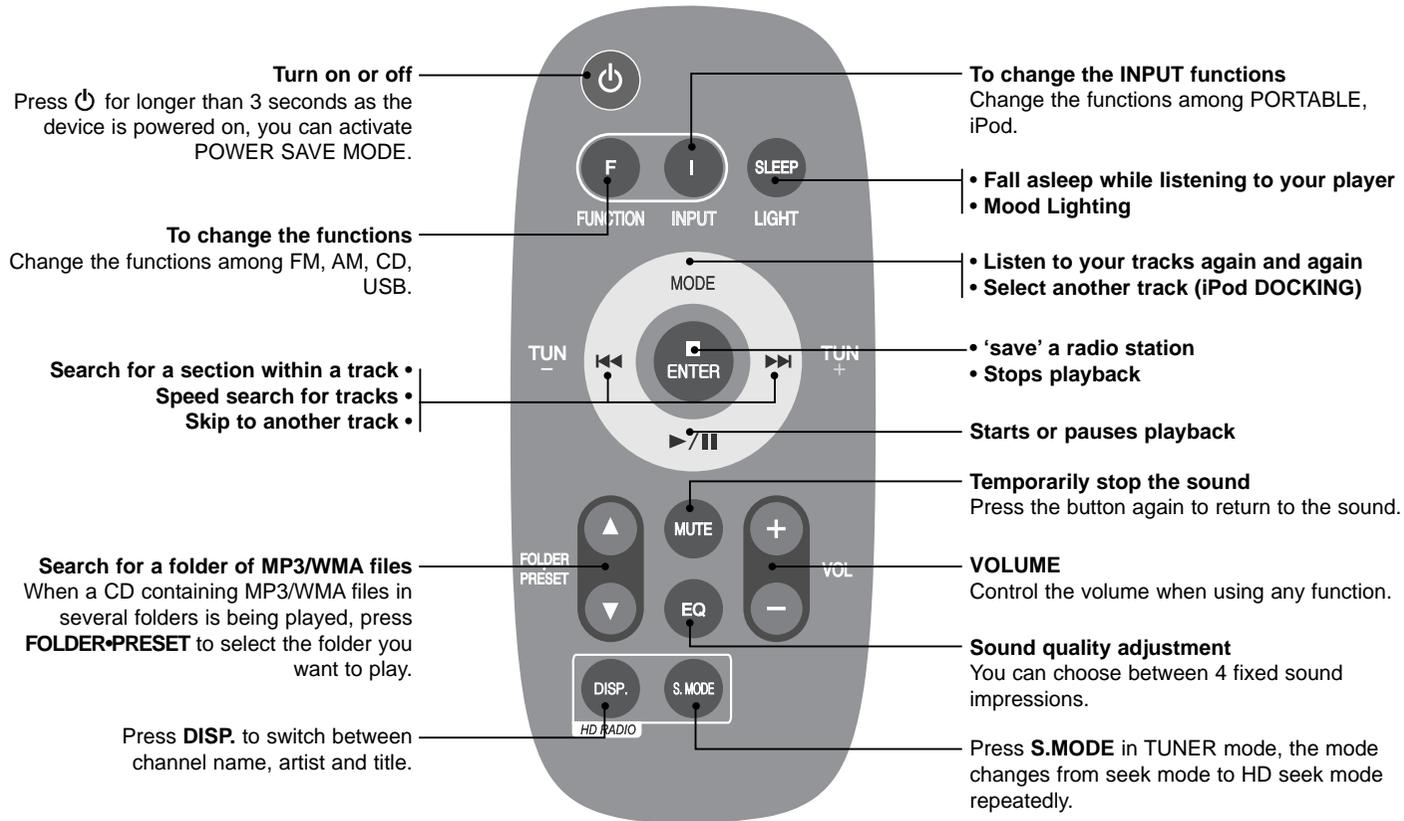**3** **Connecting the AC/DC adaptor* to an AC outlet**

Connect the power cord to the adaptor, and then plug the other end into an AC outlet.
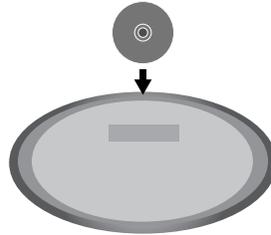
*AC/DC adaptor : SL-A108

About Player

CD slot loader
• Do not force a disc into the CD slot.
• Do not pull or push a disc while a disc is ejected.
• Press ⏏ **EJECT** again to reinsert the disc after ejecting it.

ALARM (SNOOZE)
With the ALARM function you can turn CD play
and radio reception on or off at a desired time.
(see Use your player as an alarm clock)

CLOCK (SNOOZE)
For setting the clock and checking the time.
(see Setting the Clock)

-TUNING+ / ◀◀ ▶▶|
For storing radio stations.
(see Listening to the radio)

▶/|| / MO./ST.
Starts or pauses playback.

■ **STOP**
Stops playback.

iPod DOCK

⏏ **EJECT**
Ejects or inserts the CD from the slot loader.

VOLUME
Control the volume when using any
function.

FUNC/INPUT
Change the functions among FM,
AM, CD, USB, PORTABLE, iPod.

⏻/|
Turn on or off.

DISPLAY WINDOW

About Remote control

Turn on or off
Press ⏻ for longer than 3 seconds as the device is powered on, you can activate POWER SAVE MODE.

To change the functions
Change the functions among FM, AM, CD, USB.

Search for a section within a track •
Speed search for tracks •
Skip to another track •

Search for a folder of MP3/WMA files
When a CD containing MP3/WMA files in several folders is being played, press **FOLDER•PRESET** to select the folder you want to play.

Press **DISP.** to switch between channel name, artist and title.

To change the INPUT functions
Change the functions among PORTABLE, iPod.

• Fall asleep while listening to your player
• Mood Lighting

• Listen to your tracks again and again
• Select another track (iPod DOCKING)

• 'save' a radio station
• Stops playback

Starts or pauses playback

Temporarily stop the sound
Press the button again to return to the sound.

VOLUME
Control the volume when using any function.

Sound quality adjustment
You can choose between 4 fixed sound impressions.

Press **S.MODE** in TUNER mode, the mode changes from seek mode to HD seek mode repeatedly.

Listening to CDs

Audio CD and MP3/WMA CD can be played back in this player.

	ON PLAYER	ON REMOTE
1. Insert the CD:	**⏏ EJECT**	
2. Select the CD function: The display will show the total number of tracks (files).	**FUNC/INPUT**	**FUNCTION**
3. Start the CD playing:	**▶/ǁ**	**▶/ǁ**
4. To stop a CD playing:	**■ STOP**	**■ ENTER**

Listening to CDs - more you can do

Pause or restart a CD
Press **▶/ǁ** on either the player or the remote control during during playback. Press this button again to resume play.

Search for a section within a track
Hold **I◀◀ /▶▶I** on either the player or the remote control during playback.

Speed search for tracks
Hold **I◀◀ /▶▶I** on either the player or the remote control only in stop status. Track skips continuously in turn.

Skip to another track
Press **I◀◀ /▶▶I** on either the player or the remote control.

Listen to your tracks again and again
Press **MODE** on the remote control repeatedly, the display changes in the following order, RPT 1 - RPT ALL - RANDOM - OFF.

iPod DOCKING

You can listen to music by connecting iPod to the player. Connect iPod to "iPod DOCK" on the upper part of the player.
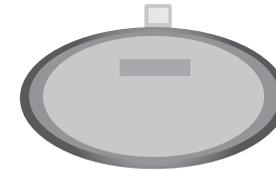
	ON PLAYER	ON REMOTE
1. Select the iPod function:	**FUNC/INPUT**	**INPUT**
2. "IPOD" displays:		
3. Start the playing:	**▶/ǁ**	**▶/ǁ**
4. Before disconnecting the iPod, change to any other function by pressing:	**FUNC/INPUT**	**FUNCTION or INPUT**
5. Remove iPod:		

iPod DOCKING - more you can do

Pause or restart an iPod
Press **▶/ǁ** on either the player or the remote control during playback. Press this button again to resume play.

Search for a section within a track
Hold **I◀◀ /▶▶I** on either the player or the remote control during playback.

Skip to another track
Press **I◀◀ /▶▶I** on either the player or the remote control.
Select another track
Press **MODE** on the remote control, you can move to the previous list. Press **FOLDER•PRESET** on the remote control, you can move to a desired item. Then, press **■ ENTER** on the remote control, you can confirm it.
NOTE :
• When the connection with iPod is not good and the remaining battery is insufficient, the message "ERROR" is displayed.
• iPod is automatically charged when connected to the player.

Listening to the radio

	ON PLAYER	ON REMOTE
1. Select either FM or AM:	FUNC	FUNCTION
2. Select the radio station:	◄◄/►►|	◄◄/►►|
3. To 'save' a radio station: A preset number will show in the display.		■ ENTER
4. To select a 'saved' station:		FOLDER•PRESET
5. To confirm press: Up to 50 (FM:30, AM:20) radio stations can be saved.		■ ENTER

Listening to the radio

Look for radio stations automatically

Press ◄◄/►►| on either the player or the remote control for more than 0.5 second. The tuner will scan automatically and stop when it finds a radio station.

Delete all the saved stations

Press and hold ■ ENTER on the remote control for two seconds. "ERASE" shows. Press ■ ENTER on the remote control to erase all the saved stations.

Choose a 'preset number' for a radio station

Select a station you want by pressing ◄◄/►►|. Press ■ ENTER, the station flashes. Press FOLDER•PRESET on the remote control to select the preset number you want. Press ■ ENTER to save it.

To improve poor FM reception

Press MO./ST. on the player. This will change the tuner to mono and usually improve the reception. Make sure antenna is connected securely.

HD Radio Reception

Digital HD Radio broadcasting offers higher sound quality than analog radio. On it, you can select additional digital information and listen to FM with the same quality as that of CD, FM with the same quality as that of AM, and various kinds of programs. Any other signal interruption that was produced on analog AM and FM is absent.

When toggling **S.MODE** on the remote control on TUNER mode, the mode is changed into SEEK (seek mode) and HD SEEK (HD seek mode) repeatedly.

• SEEK : searches frequencies for alalog & digital broadcasting

• HD SEEK : searches frequencies for digital broadcasting

When searching channels with ◄◄/►►| for longer than 1 second, both analog and digital broadcasting signals are searched. The signal is changed in the following order; analog -> digital. When digital signals are detected, "HD" indicator is turned on. Whenever toggling **DISP.**, channel name, artist, title are selected repeatedly. Press ◄◄/►►| while HD Radio broadcasting signal is received, sub channels are changed.

HD) Radio®

Listening to music from your portable player

The player can be used to play the music from many types of portable players.
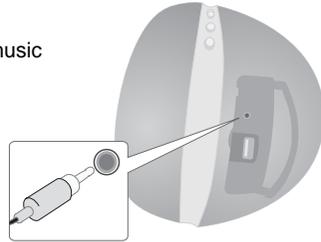
	ON PLAYER	ON REMOTE
1. Connect the portable player by plugging the unit into PORTABLE IN on the side of the player:		
2. Turn the power on:	⏻/❙	⏻
3. Select the PORTABLE function:	FUNC/INPUT	INPUT
4. Turn the portable player on and start it playing:		

Connecting your portable USB player

The advantage of connecting your portable USB player through the system's USB port is that the portable device can be controlled from the system. Connect the portable player to the system using a USB cable (not supplied).
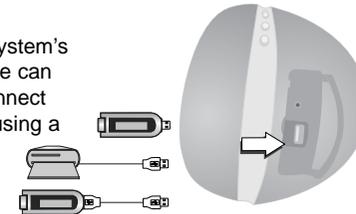
	ON PLAYER	ON REMOTE
1. Select the USB function:	FUNC/INPUT	FUNCTION
2. The display will show "READ", followed by the number of files displayed:		
3. Press:	▶/❙❙	▶/❙❙
4. Before disconnecting the portable USB player, change to any other function by pressing:	FUNC/INPUT	FUNCTION or INPUT
5. Remove the USB player:		

NOTES :
- Some portable devices are not compatible with this system.
- When various cards are connected to the Memory Card Reader, the first detected card is recognized.
- **Do not extract the USB device during operation.**
- If you use a USB extension cable or USB hub, the USB device might not be recognized.
- A device using NTFS file system is not supported (Only the FAT (16/32) file system is supported.).
- The USB function of this unit does not support all USB devices.
- Digital camera and mobile phones are not supported.
- This unit is not supported when the total number of files is 1000 or more.

Setting the Clock

	ON PLAYER
1. Turn the power on:	⏻/❙
2. Press for at least 2 seconds:	**CLOCK**
3. Choose from either: 12HR (for an am and pm display) or 24HR (for a 24 hour display).	◄◄/►►❘
4. Confirm your selection:	**CLOCK**
5. Select the hours:	❘◄◄/►►❘
6. Press:	**CLOCK**
7. Select the minutes:	❘◄◄/►►❘
8. Press:	**CLOCK**

Use your player as an alarm clock

Press and hold **ALARM** on the player for two seconds. Press ❘◄◄/►►❘ repeatedly, the display changes in the following order, AM, FM, CD, USB. Press **ALARM** when the function you want to be woken by is showing.

Next, you set the time to get alarm activated. Use ❘◄◄/►►❘ to change the hours and minutes and **ALARM** to save.

Next, the volume (VOL) setting display appears. Use ❘◄◄/►►❘ to change the volume and **ALARM** to save. The clock icon shows that the alarm is set. Switch the system off. When the system is turned off, you can check the time the alarm is set for by pressing **ALARM**. You can also turn the alarm on and off by pressing **ALARM**.

NOTES :
• If you don't set clock, the alarm function doesn't work.
• When any button is not pressed for longer than 5 minutes with the alarm beeping, the alarm is automatically canceled.

SNOOZE function

This function wakes you up every 5 minutes if you do not turn off the alarm. When alarm is on and you press **CLOCK** or **ALARM**, CD or USB is changed into pause & mute. The tuner is on mute mode for 5 minutes and then changed into play & mute off.

Fall asleep while listening to your player

Press **SLEEP** on the remote control repeatedly, the display changes in the following order, SLP OFF - LIGHT - corresponding icons. Press ❘◄◄/►►❘ repeatedly on SLP OFF, the display changes in the following order, SLP 90 (dimmer ON) → SLP 80 (dimmer ON) → SLP 70 (dimmer ON) → SLP 60 (dimmer ON) → SLP 50 (dimmer ON) → SLP 40 (dimmer ON) → SLP 30 (dimmer ON) → SLP 20 (dimmer ON) → SLP 10 (dimmer ON) → SLP OFF (dimmer OFF).

Mood Lighting

Press **SLEEP** on the remote control repeatedly, the display changes in the following order, SLP OFF - LIGHT - corresponding icons.
Press ❘◄◄/►►❘ repeatedly on LIGHT, the display changes in the following order, L--1 → L--2 → L--3 → L--OFF.

About MP3/WMA

MP3/WMA Disc compatibility with this unit is limited as follows:
• Sampling Frequency : 8 - 48 kHz (MP3), 32 - 48 kHz (WMA)
• Bit rate : 8 - 320 kbps (MP3), 48 - 320 kbps (WMA)
• CD-R physical format should be "ISO 9660"
• If you record MP3/WMA files using the software which cannot create a FILE SYSTEM, for example "Direct-CD" etc., it is impossible to playback MP3 files. We recommend that you use "Easy-CD Creator", which creates an ISO 9660 file system.
• Do not use special letters such as "/ : * ? " < >"etc.
• Even if the total number of files on the disc has more than 1000, it will only show up to 999.

Troubleshooting

| Symptom	Cause	Correction
General		
No power.	The power cord is not plugged in.	Plug in the power cord.
	Check whether electricity failed.	Check the condition by operating other electronic devices.
No sound.	Check whether you select the right function.	Press **FUNC/INPUT (FUNCTION)** and check the selected function.
CD		
The unit does not start playback.	An unplayable disc is inserted.	Insert a playable disc.
	The disc is dirty.	Clean the disc.
RADIO		
Radio stations cannot be tuned in.	The antenna is positioned or connected poorly.	Connect the antenna securely.
iPod		
iPod does not work.	Check whether the player is connected to the unit correctly.	Connect it to the unit correctly.
	Check whether ipod is fully charged.	Charge the ipod. iPod is automatically charged when connected to the player.
Remote control		
The remote control does not work properly.	The remote control is not pointed at the remote sensor of the unit.	Point the remote control at the remote sensor of the unit.
	The remote control is too far from the unit.	Operate the remote control within about 16 ft (5 m).
	There is an obstacle in the path of the remote control and the unit.	Remove the obstacle.
	The battery in the remote control is exhausted.	Replace the battery with new one.

Specifications

General

Power supply	Refer to the label attached on the bottom of the unit.
AC/DC adaptor	SL-A108
Power consumption	Refer to the label attached on the bottom of the unit.
Net Weight	2.45 kg
External dimensions (WxHxD)	332 x 165 x 248 mm
Operating temperature	5 ℃ to 35 ℃
Operating humidity	5% to 85 %
Output Power	5 W + 5 W
T.H.D	10 %
Frequency Response	200 - 18000 Hz
Signal-to-noise ratio	70 dB
Speakers	6 Ω X 2

Tuner

FM Tuning Range	87.5 - 107.9 MHz or 65 - 74 MHz, 87.5 - 107.9 MHz
AM Tuning Range	522 - 1620 kHz or 530 - 1720 kHz

CD

Frequency response	200 - 18000Hz
Signal-to-noise ratio	70 dB
Dynamic range	60 dB

Designs and specifications are subject to change without notice.
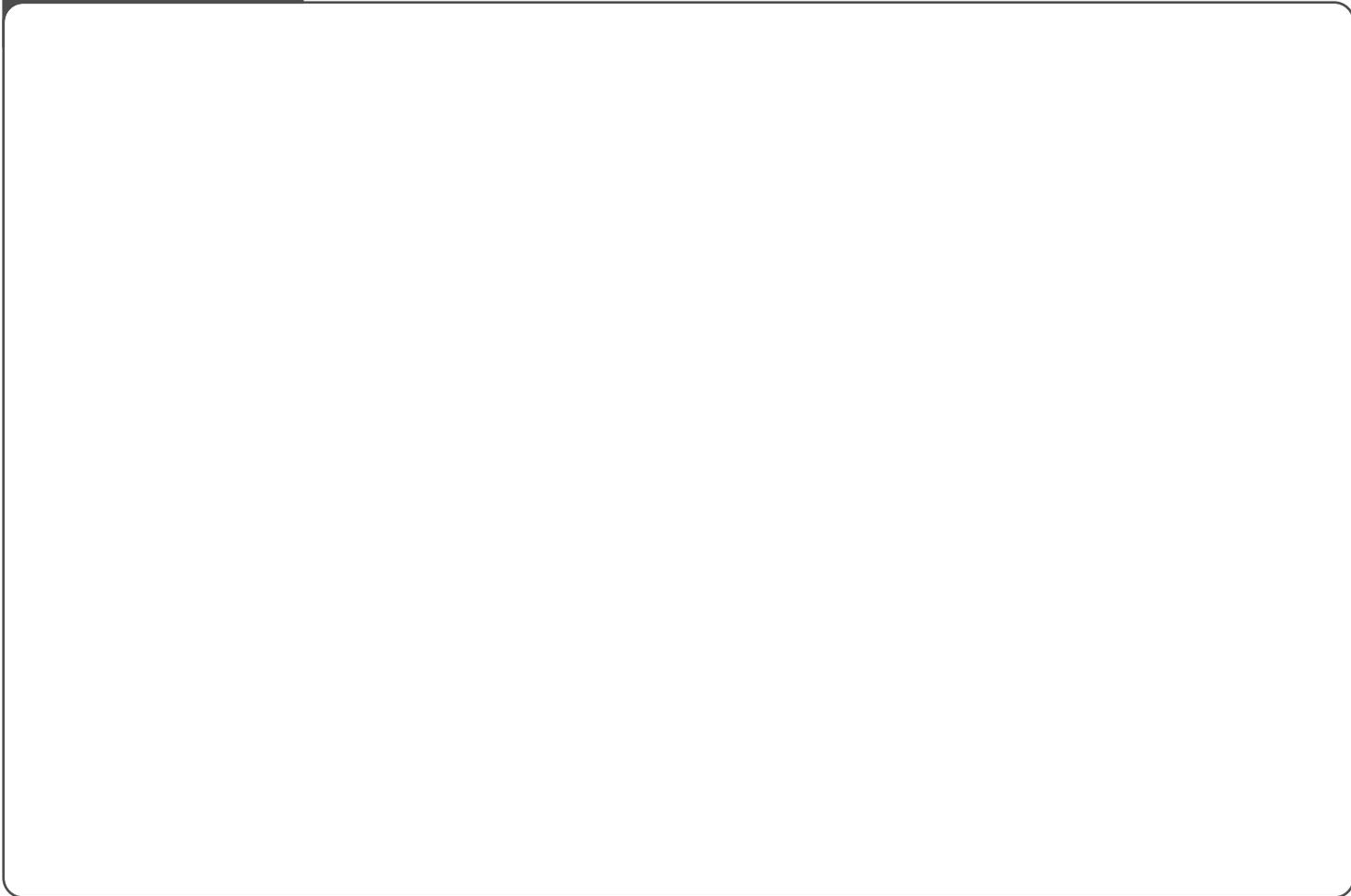
MEMO

MEMO
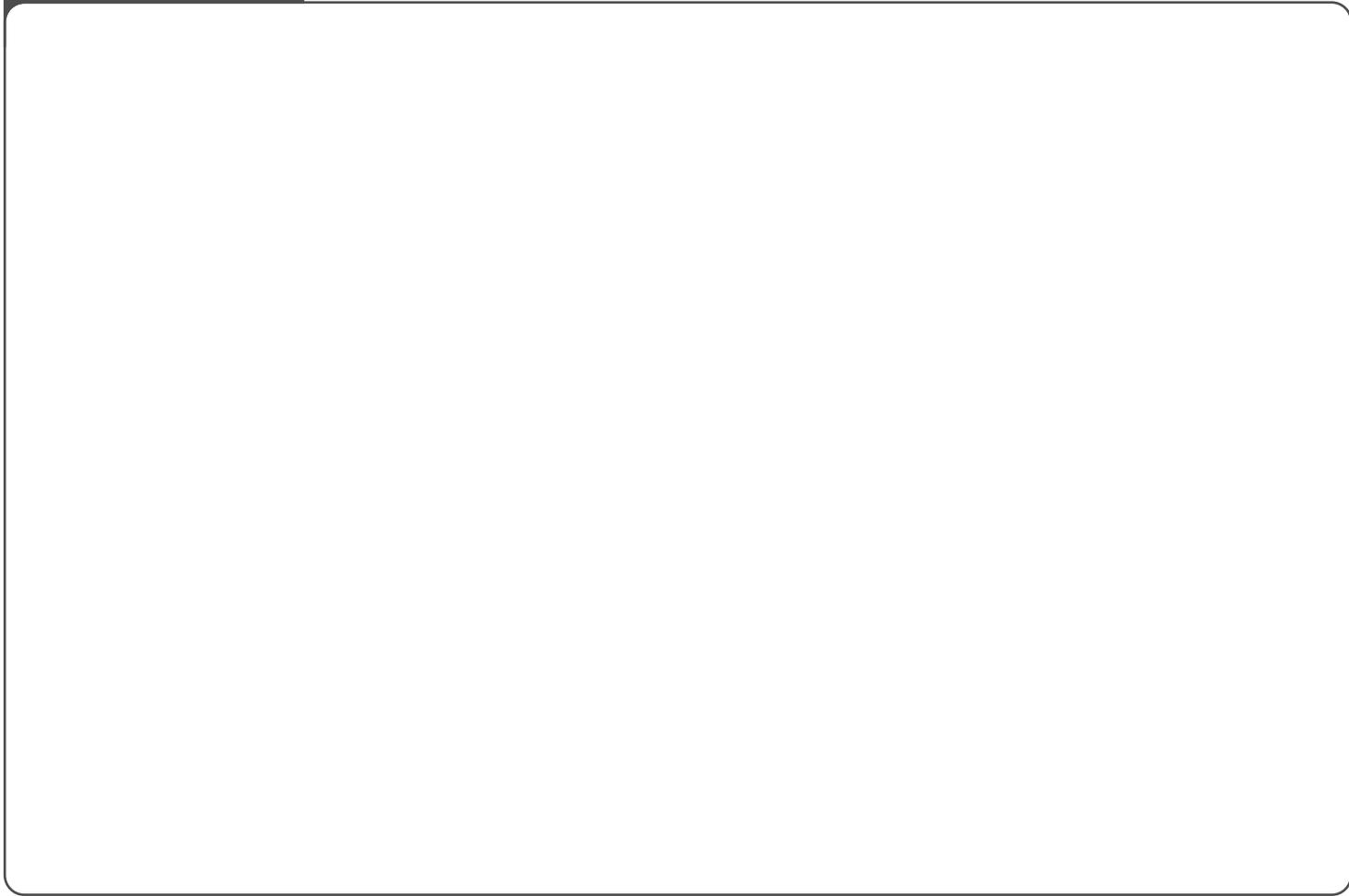
MEMO

LG Electronics, Inc.
Limited Warranty - USA

This LG Electronics product, will be repaired or replaced, at LG's option, if it proves to be defective in material or workmanship, under normal use, during the warranty period ("Warranty Period") listed below, effective from the date ("Date of Purchase") of original consumer purchase of the product. This warranty is good only to the original purchaser of the product and effective only when used in the United States, excluding U.S. Territories.

WARRANTY PERIOD: **LABOR: 90 days** from the Date of Purchase. **PARTS: One Year** from the Date of Purchase. * Parts replaced are warranted for the remaining portion of the original warranty period.	**HOW SERVICE IS HANDLED:** **Call 1-800-243-0000** for instructions on getting the defective unit repaired or replaced. **Please retain dated sales receipt and your box** to return the unit to LG for repair or replacement. Shipping both ways will be paid by LG during the first 90 days of the Warranty Period. During the remainder of the Warranty Period (91-365 days), you pay inbound shipping charges and LG pays return shipping charges. Visit our website at: **http://us.lgservice.com**

THIS WARRANTY IS IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT ANY IMPLIED WARRANTY IS REQUIRED BY LAW, IT IS LIMITED IN DURATION TO THE EXPRESS WARRANTY PERIOD ABOVE. LG ELECTRONICS WILL NOT BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, INDIRECT, SPECIAL OR PUNITIVE DAMAGES OF ANY NATURE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES, INCLUDING WITHOUT LIMITATION, LOST REVENUES OR PROFITS, LOST OR CORRUPTED PROGRAMMING OR DATA, OR ANY OTHER DAMAGE WHETHER BASED IN CONTRACT, TORT OR OTHERWISE. Some states do not allow the exclusion or limitation of incidental or consequential damages or limitation on how long an implied warranty lasts, so the above exclusion or limitation may not apply to you. This warranty gives you specific legal rights and you may also have other rights that may vary from state to state.

THIS LIMITED WARRANTY DOES NOT APPLY TO:
• Damages or operating problems that result from shipping, installation, adjustment of user controls, calibration, maintenance or failure to maintain, or separate system components; and
• Damages or operating problems that result from normal wear and tear, misuse, abuse, operation outside environmental specifications or contrary to the requirements or precautions in the Operating Guide, accident, lightning strikes or other natural causes, unauthorized modification or alteration, incorrect electrical current or voltage, reception problem caused by inadequate home antenna or faulty antenna connections, computer software, institutional or commercial use, or other causes not arising out of defect in material or workmanship.

Therefore, the cost of repair or replacement of such defective product shall be borne by the consumer.

CUSTOMER INTER-ACTIVE CENTER NUMBERS:

For nearest Authorized Service Center, Where to buy, Product Assistance, or Customer Assistance	**Call 1-800-243-0000** (24 hours a day, 365 days per year) and select appropriate options from the menu. Or visit our website at **http://us.lgservice.com**